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## CERTIFICATE OF ANALYSIS

### Agar, Micropropagation Type I

*Gracilaria Agar*

Catalog Number: A038	Molecular Formula: Not Applicable
Lot Number: 07232001	Formula Weight: Not Applicable
CAS Number: 9002-18-0	Storage: 15° to 30°C
Source: China, <i>Gracilaria</i> (Seaweed)	Retest Date: <b>31-May-2025</b>

Test	Specifications	Results
Appearance	Off-White to Tan Powder (Light Yellow)	Pass
Identity Test	Passes Test	Pass
Particle Size (80 mesh)	≥ 90 %	Complied
Moisture	≤ 22 %	10 %
Water absorption	≤ 75 mL	Complied
Ash	≤ 5 %	Complied
Insoluble Matter	≤ 1.0 %	Complied
Gel Strength (1.5 %, 20°C)	≥ 900 g/cm <sup>2</sup>	1190 g/cm <sup>2</sup>
Starch	Passes Test	Pass
Arsenic (As)	≤ 0.0001 %	Complied
Heavy Metals (Pb)	≤ 0.004 %	Complied
Plant Tissue Culture of:		
<i>Hosta spp.</i>		
<i>Solanum tuberosum</i>	Supports Normal Growth with No	Pass
<i>Vitis spp.</i>	Morphological Abnormalities	
<i>Tradescantia zebrina</i>		

**This product meets or exceeds the quality standards established by Caisson Laboratories, Inc.**

*This product is intended for laboratory use only.*

Prepared by:

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Reviewed by:

12-Jul-2023